

AC 4628

EDUCATION AUTHORITY OF THE  
COUNTY OF DUMBARTON



*Seventeenth Annual Report*

ON THE  
MEDICAL INSPECTION OF SCHOOL CHILDREN



1927-1928  
Year ending 31st July, 1928



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OF DUMBARTON.



# Seventeenth Annual Report

ON THE

## MEDICAL INSPECTION OF SCHOOL CHILDREN.

1927-1928.

(Year ending 31st July, 1928.)

KIRKINTILLOCH:  
PRINTED BY D. MACLEOD, LTD.

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## PREFACE.

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To the Education Authority  
of the County of Dumbarton.

LADIES AND GENTLEMEN,

I beg to submit the Seventeenth Annual Report on the Medical Inspection of School Children in the County, which has been compiled by the Medical Officers, and also particulars relating to the work done at the Treatment Clinics.

Although the position as shown by the figures is not materially different from last year, it is gratifying to note that the improvements which have been effected have been, generally speaking, maintained. One might perhaps go a little further and direct the attention of the Authority to the fact that, as shown in Table 7.-B., there were fewer defects intimated to parents during the year although the number of children examined was greater.

It is interesting to note that, taken all over the age periods, there is a general improvement in the condition of the children's teeth as revealed by medical inspection. As regards the work done by the Dentists, as will be noticed, there is a considerable increase in the number of children treated as compared with the previous session, but there were unfortunate circumstances during 1926-27 session which curtailed the amount of work completed. In comparison, however, with the session 1925-26, there is also an increase in the numbers dealt with, due to a large extent to the additional work undertaken in Mr. Martin's area with the help of the Dental Assistant who commenced duties at the beginning of last session.

It is also encouraging to note that the cleanliness of the school children is still improving. This is specially noticeable in the Eastern area of the County.

I have inserted at the commencement of the Tables relating to Medical Treatment a statement regarding the various clinics which are now being operated in the County, and I would like to draw attention again to the unsatisfactory conditions at the Kirkintilloch Tonsils and Adenoids Clinic.

I am,

Your obedient Servant,

THOMAS LAUDER THOMSON, M.D., D.P.H.

88 COLLEGE STREET,  
DUMBARTON, September, 1928.

Education Authority of the County of Dumbarton.

# SCHOOL MEDICAL STAFF.

## Supervising School Medical Officer.

T. LAUDER THOMSON, M.D., D.P.H.

## School Medical Officers.

MILDRED M. L. CATHELS, M.B., D.P.H.

ANDREW D. COWAN, M.B., D.P.H.

## Dental Surgeons.

ALFRED C. S. MARTIN, L.D.S.

ELIZABETH M'KENDRICK, L.D.S.

VERA PUGH, L.D.S.

M. WYDNER, L.D.S. (part time).

## Ophthalmic Surgeon.

JAMES N. TENNENT, M.B., D.O.M.S., B.Sc.

(part time).

## Ear, Nose, and Throat Specialist.

JAMES KERR LOVE, M.D. (part time).

## Dermatologist.

J. GOODWIN TOMKINSON, M.D. (part time).

## Inspection and Clinic Nurses.

M. GILMOUR.

C. B. CLARKE.

C. M. JEFFREY.

E. LYLE.

S. DOUGHERTY.

E. YULE.

E. STEVENSON.

## Nurses for Special Schools.

J. L. THOMSON.

J. MACDONALD.

## Dental Attendants.

ANNIE RAE.

MARGARET CRUICKSHANK.

ALLISTER FINLAYSON.

## Clerks (part time).

GEORGE BROWNE.

AGNES KENNEDY.

# REPORT

ON THE

## MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN THE COUNTY OF DUMBARTON.

### 1.—List of Staff.

See page 5.

### 2.—(a) Number of Schools.

#### SCHOOL MANAGEMENT AREA.

Cumbernauld, . . . . .	6
Kirkintilloch, . . . . .	6
New Kilpatrick, . . . . .	6
Old Kilpatrick, . . . . .	12
Dumbarton, . . . . .	7
Vale of Leven, . . . . .	11
Helensburgh, . . . . .	13
Total, . . . . .	61

### (b) Number of Children on Register and in Average Attendance.

School Management Area	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld, .. ..	988.4	866.3	87.6
Kirkintilloch, .. ..	3,512.9	3,192.6	90.9
New Kilpatrick, .. ..	1,353.0	1,205.5	89.1
Old Kilpatrick, .. ..	10,701.1	9,472.3	88.5
Dumbarton, .. ..	4,894.9	4,402.2	89.9
Vale of Leven, .. ..	3,879.7	3,412.5	88.0
Helensburgh, .. ..	1,747.2	1,530.0	87.6
Total, .. ..	27,077.2	24,081.4	88.9



### 3.—Number of Visits for Systematic Examination.

NOTE.—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above, . . . . . 495

### 4.—Number of Special Visits by Medical Officers.

For re-examination of defective children, . . . . .	35
For examination of backward or mentally or physically defective children, . . . . .	55
For inquiry about outbreaks of infectious disease, . . . . .	10
For examinations for employment licences, . . . . .	20
Attendances at Clinics, . . . . .	239
Attendances at Committee meetings, office work, etc.	81

### 5.—Sanitary Condition of Schools.

The following improvements in the sanitary arrangements have been carried out during the year.

At the following schools the old drinking wells have been replaced by modern hygienic drinking fountains :—Dalmuir R.C. : Dumbarton Academy Primary School ; St. Martin's R.C. School, Renton ; St. Patrick's Boys' School, Dumbarton.

At Arrochar School the lavatory arrangements were improved, providing accommodation for the teaching staff.

The lavatory accommodation for senior girls at Milngavie Public School has been completely modernised.

At the following houses, bathrooms and modern lavatory accommodation have been provided :—Schoolhouse, Muirland ; Schoolhouse, Ardoch Bridge ; Janitor's house, Lenzic Academy.

The alterations and additions to Townhead Public School, Kirkintilloch, were practically completed, and the scheme includes adequate and modern lavatory accommodation.

The alterations to Vale of Leven Academy (existing school) are progressing, and when this part of the scheme has been completed, ample and modern lavatory accommodation will be available. This part of the scheme should be completed by the middle of October.

### 6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-ordination with Public Health Departments.

For outline of organisation and administration see Reports 1914-15, pages 7-8; and 1922-23, pages 7-8.

Nurse Stevenson was appointed as additional nurse in July, 1927, and began her duties at the beginning of the session.

Mr. Allister Finlayson was appointed at the same time as Dental Attendant to Mr. Martin, and began his duties at the beginning of the session.

Nurses Clarke, Stevenson, and Dougherty were off duty for short periods owing to illness, but there were no cases of prolonged absence from duty.

### 6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No. of Parents Present at Non-Routine Examinations
Cumbernauld, .. ..	265	41	15.4	6
Kirkintilloch, .. ..	1107	357	32.2	25
New Kilpatrick, .. ..	415	107	25.7	3
Old Kilpatrick, .. ..	3252	1223	37.5	174
Dumbarton, .. .. .	1352	311	23.0	314
Vale of Leven, .. ..	1175	414	34.9	417
Helensburgh, .. .. .	503	162	32.2	154
Total, .. .. .	8069	2615	32.4	1093

## 7.—The Physical Condition of the School Children.

*A.—Total Number of Children Examined.*

SCHOOL MANAGEMENT AREA.	ROUTINE CASES.																		NON-ROUTINE	
	Entrants.						Age 8.			Age 12.			Age 16.			Total.				
	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Boys.	Girls.		Total.
Cumbernauld,	5½	48	45	93	8½	50	47	97	12½	34	40	74	16½	1	..	1	133	132	265	53
Kirkintilloch,	5½	195	216	411	8½	156	156	312	12½	186	174	360	16½	15	9	24	552	555	1107	91
New Kilpatrick,	5½	79	63	142	8½	56	64	120	12½	75	62	137	16½	4	12	16	214	201	415	18
Old Kilpatrick,	5½	619	615	1234	8½	495	515	1010	12½	493	476	969	16½	17	22	39	1624	1628	3252	664
Dumbarton,	5½	189	221	410	8½	202	191	393	12½	246	231	477	16½	29	43	72	666	686	1352	599
Vale of Leven,	6	223	203	426	8½	203	190	393	12½	174	168	342	16½	11	3	14	611	564	1175	670
Helensburgh,	5½	95	90	185	8½	78	62	140	12½	86	76	162	16½	5	11	16	264	239	503	337
<b>Total,</b>	<b>5½</b>	<b>1448</b>	<b>1453</b>	<b>2901</b>	<b>8½</b>	<b>1240</b>	<b>1225</b>	<b>2465</b>	<b>12½</b>	<b>1294</b>	<b>1227</b>	<b>2521</b>	<b>16½</b>	<b>82</b>	<b>100</b>	<b>182</b>	<b>4064</b>	<b>4005</b>	<b>8069</b>	<b>2434</b>

7.—D. Clothing.

School Management Area.	No. of Routine cases examined.	SUFFICIENCY.						REPAIR.						CLEANLINESS.							
		Good.		Medium.		Bad.		Good.		Medium.		Bad.		Good.		Medium.		Bad.		Non-Routine.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	Boys,	133	100-0	..	..	..	..	127	95-5	6	4-5	..	..	130	97-8	3	2-2	..	..	..	..
	Girls,	132	100-0	..	..	..	..	131	99-3	1	0-7	..	..	126	95-5	6	4-5	..	..	..	..
	Total,	265	100-0	..	..	..	..	258	97-4	7	2-6	..	..	256	96-7	9	3-3	..	..	..	..
Kirkintilloch,	Boys,	551	99-8	1	0-2	..	..	538	97-5	13	2-3	1	0-2	528	95-7	19	3-4	5	0-9	..	..
	Girls,	555	100-0	..	..	..	..	553	99-6	2	0-4	..	..	552	99-5	3	0-5	..	..	..	..
	Total,	1107	99-9	1	0-1	..	..	1091	98-6	15	1-3	1	0-1	1080	97-7	22	1-9	5	0-4	..	..
New Kilpatrick,	Boys,	214	100-0	..	..	..	..	212	99-1	2	0-9	..	..	213	99-5	1	0-5	..	..	..	..
	Girls,	201	100-0	..	..	..	..	201	100-0	..	..	..	..	201	100-0	..	..	..	..	..	..
	Total,	415	100-0	..	..	..	..	413	99-5	2	0-5	..	..	414	99-8	1	0-2	..	..	..	..
Old Kilpatrick,	Boys,	1624	99-8	4	0-2	..	..	1574	97-3	48	2-9	2	0-1	1584	97-5	39	2-4	1	0-1	..	..
	Girls,	1628	99-8	4	0-2	..	..	1578	97-0	50	3-0	..	..	1580	97-1	46	2-8	2	0-1	..	..
	Total,	3252	99-8	8	0-2	..	..	3152	97-0	98	2-9	2	0-1	3164	97-3	85	2-6	3	0-1	1	..
Dumbarton,	Boys,	666	99-0	6	0-9	1	0-1	550	82-6	110	16-5	6	0-9	589	88-5	71	10-6	6	0-9	..	..
	Girls,	686	98-6	10	1-4	..	..	538	78-1	136	20-2	12	1-7	593	86-3	81	11-8	12	1-7	..	..
	Total,	1352	98-7	16	1-2	1	0-1	1088	80-4	246	18-3	18	1-3	1182	87-5	152	11-2	18	1-3	..	..
Vale of Leven,	Boys,	611	99-0	5	0-8	1	0-2	499	81-7	100	16-4	12	1-9	546	89-1	58	9-5	7	1-1	..	..
	Girls,	564	98-6	8	1-4	..	..	444	78-8	108	19-1	12	2-1	497	89-1	61	9-9	6	1-0	..	..
	Total,	1175	98-8	13	1-1	1	0-1	943	80-3	208	17-7	24	2-0	1043	89-3	119	9-7	13	1-0	3	..
Helensburgh,	Boys,	264	99-6	1	0-4	..	..	254	96-3	8	3-0	2	0-7	260	98-6	2	0-7	2	0-7	..	..
	Girls,	239	100-0	..	..	..	..	212	89-8	27	10-2	..	..	227	95-0	12	5-0	..	..	..	..
	Total,	503	99-8	1	0-2	..	..	466	92-8	35	6-9	2	0-3	487	97-0	14	2-7	2	0-3	..	..
Total,	Boys,	4064	99-5	17	0-4	2	0-1	3754	92-3	287	7-1	23	0-6	3850	94-8	193	4-7	21	0-5	..	..
	Girls,	4005	99-5	22	0-5	..	..	3657	91-3	324	8-1	24	0-6	3776	93-8	209	5-7	20	0-5	..	..
	Total,	8069	99-5	39	0-4	2	0-1	7411	91-8	611	7-6	47	0-6	7626	94-3	402	5-2	41	0-5	4	..

## 7.—B. Number of Children notified to Parents as suffering from Defects.

SCHOOL MANAGEMENT AREA.		CUMBERNAULD.			KIRKINTILLOCH.			NEW KILPATRICK.			OLD KILPATRICK.			DUMBARTON.			VALE OF LEVEN.			HELENSBURGH.			TOTAL.		
Number of Routine Cases examined, ..		265			1107			415			3252			1352			1175			503			8069		
CARD.	DEFECT.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
A.	Vermin or Nits on Head, ..	7	2.6	..	25	2.2	..	2	0.4	..	127	3.9	..	165	12.2	..	123	10.4	..	27	5.3	..	476	5.9	..
G.	Vermin on Clothing, .. ..	..	..	..	4	0.3	..	..	..	..	12	0.3	25	2.1	..	14	1.1	..	1	0.1	..	60	0.7	25	
J.	Unsatisfactory Footgear, ..	..	..	..	1	0.09	2	..	..	..	5	0.1	1	..	..	..	..	1	..	..	..	6	0.07	4	
K.	Unsatisfactory Clothing, ..	..	..	..	5	0.4	2	..	..	..	11	0.3	6	37	2.7	..	34	2.8	..	3	0.5	..	90	1.1	8
D.	Tonsils and Adenoids, .. ..	14	5.2	1	20	1.8	4	2	0.4	1	92	2.8	10	145	10.7	88	112	9.5	99	51	10.0	31	436	5.4	234
E.	Ear Disease, .. . . . .	1	0.3	1	..	..	..	..	..	..	3	0.09	55	1	0.07	..	1	0.08	1	1	0.1	..	7	0.08	57
H.	Defective Vision and Eye Disease,	16	6.0	10	42	4.3	7	7	1.6	..	130	4.0	8	92	6.8	38	73	6.1	60	33	6.4	24	393	4.8	147
M.I.M.T.	Other Diseases, .. . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
U.M.T.	Already under Treatment, ..	..	..	..	4	0.3	3	1	0.2	..	24	0.7	62	11	0.7	..	10	0.8	..	3	0.5	..	53	0.6	65
P.A.	Parents Advised, .. . . .	10	3.7	6	81	7.2	25	9	2.1	3	370	11.3	174	306	22.6	314	419	35.6	417	163	32.4	154	1358	16.8	1093
	<b>Total, .. . . .</b>	<b>48</b>	<b>..</b>	<b>18</b>	<b>182</b>	<b>..</b>	<b>43</b>	<b>21</b>	<b>..</b>	<b>4</b>	<b>774</b>	<b>..</b>	<b>341</b>	<b>786</b>	<b>..</b>	<b>440</b>	<b>786</b>	<b>..</b>	<b>578</b>	<b>282</b>	<b>..</b>	<b>209</b>	<b>2879</b>	<b>..</b>	<b>1633</b>



## 7.—E. Footgear.

SCHOOL MANAGEMENT AREA.	ROUTINE CASES.										NON-ROUTINE.		
	Number Examined.	Good.		Medium.		Bad.		None.		Bad.	None.		
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
Cumbernauld,	Boys,	128	96.3	3	2.2	2	1.5	..	..	..	..		
	Girls,	130	98.5	2	1.5	..	..	..	..	..	..		
	Total,	258	97.5	5	1.8	2	0.7	..	..	..	..		
Kirkintilloch,	Boys,	544	98.5	6	1.1	1	0.2	1	0.2	..	..		
	Girls,	547	98.8	4	0.7	4	0.7	..	..	..	..		
	Total,	1091	98.6	10	0.9	5	0.4	1	0.1	..	2		
New Kilpatrick,	Boys,	213	99.5	1	0.5	..	..	..	..	..	..		
	Girls,	200	99.5	1	0.5	..	..	..	..	..	..		
	Total,	413	99.5	2	0.5	..	..	..	..	..	..		
Old Kilpatrick,	Boys,	1624	99.2	10	0.6	4	0.2	..	..	..	..		
	Girls,	1607	98.7	18	1.1	2	0.1	1	0.1	..	..		
	Total,	3232	98.9	28	0.8	6	0.2	1	0.1	..	..		
Dumbarton,	Boys,	666	92.4	36	5.4	9	1.3	6	0.9	..	..		
	Girls,	656	91.3	51	7.4	9	1.3	..	..	..	..		
	Total,	1322	91.9	87	6.4	18	1.3	6	0.4	..	..		
Vaie of Leven,	Boys,	611	89.3	43	7.0	13	2.1	10	1.6	..	..		
	Girls,	564	90.7	45	7.9	7	1.2	1	0.2	..	..		
	Total,	1175	90.0	88	7.4	20	1.7	11	0.9	..	..		
Helensburgh,	Boys,	284	98.1	3	1.1	1	0.4	1	0.4	..	..		
	Girls,	239	98.3	4	1.7	..	..	..	..	..	..		
	Total,	503	98.2	7	1.4	1	0.2	1	0.2	..	..		
Total,	Boys,	4064	96.4	102	2.5	30	0.7	18	0.4	..	..		
	Girls,	4005	96.3	125	3.1	22	0.5	2	0.1	..	..		
	Total,	8069	96.4	227	2.8	52	0.6	20	0.2	..	2		

# 7.—G. Cleanliness of Head and Body.

(a) *Vermineous Conditions.*

SCHOOL MANAGEMENT AREA.	No. of Rou- tine Cases exam- ined.	ROUTINE CASES.						NON-ROUTINE CASES.						
		HEAD.			CLOTHING.			HEAD.			CLOTHING.			
		Nits.		Vermin.	Nits.		Vermin.	Nits.		Vermin.	Nits.		Vermin.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
Cumbernauld,	Boys, Girls,	133 132	8.2	1	0.7	..	..	..	..	..	..	..	..	..
	Total,	265	4.1	1	0.3	..	..	..	..	..	..	..	..	..
	Boys, Girls,	552 555	1.0 5.7	1 2	0.1 0.3	3 2	0.5 0.3	4 3	0.7 0.5	..	..	..	..	..
New Kilpatrick,	Total,	1107	3.3	3	0.2	5	0.4	7	0.6	1	..	..	..	1
	Boys, Girls,	214 201	2.4	..	..	1 2	0.4 0.9	..	..	..	..	..	..	..
	Total,	415	1.2	..	..	3	0.7	..	..	..	..	..	..	..
Old Kilpatrick,	Boys, Girls,	1024 1028	0.5 11.1	3 11	0.1 0.7	2 2	0.1 0.1	8 6	0.4 0.3	..	..	..	..	..
	Total,	3252	5.8	14	0.4	4	0.1	14	0.4	1	..	..	..	3
	Boys, Girls,	666 686	2.5 30.5	2 8	0.3 1.1	..	..	15 8	2.2 1.1	..	..	..	..	..
Dumbarton,	Total,	1352	16.5	10	0.7	1	0.1	23	1.6	2	1	..	..	..
	Boys, Girls,	611 564	3.4 29.5	..	..	3	0.5	..	..	..	..	..	..	..
	Total,	1175	10.3	3	0.2	3	0.2	10	0.8	..	..	..	..	..
Helenburgh,	Boys, Girls,	264 239	1.8 15.4	..	..	..	..	2 1	0.7 0.4	..	..	..	..	..
	Total,	503	8.6	1	0.2	..	..	3	0.5	1	..	..	..	..
	Boys, Girls,	4064 4005	1.3 10.0	6 26	0.1 0.6	6 10	0.1 0.2	35 22	0.8 0.5	..	..	..	..	..
Total,	Total,	8069	8.4	32	0.3	10	0.4	57	0.6	5	1	..	..	4



7.—F. Average Heights and Weights in Inches and Pounds.

SCHOOL MANAGEMENT AREA.	BOYS.																GIRLS.																															
	Entrants.				Age 8.				Age 12.				Age 16.				Entrants.				Age 8.				Age 12.				Age 16.																			
	Number Examined.	Average Age.	Height.		Weight.		Number Examined.	Average Age.	Height.		Weight.		Number Examined.	Average Age.	Height.		Weight.		Number Examined.	Average Age.	Height.		Weight.		Number Examined.	Average Age.	Height.		Weight.		Number Examined.	Average Age.	Height.		Weight.													
			Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.			Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.			Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.			Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.			Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.			Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.	Anthropometric Standard.						
Cumbernauld,	48	5 $\frac{5}{8}$	41.5	41.0	39.4	39.9	50	8 $\frac{3}{4}$	48.0	47.0	55.4	54.9	34	12 $\frac{1}{2}$	55.4	54.9	77.8	76.7	1	16 $\frac{1}{2}$	65.0	64.3	119.5	119.0	45	5 $\frac{7}{8}$	41.1	40.8	37.6	39.6	47	8 $\frac{7}{8}$	48.3	46.6	54.4	52.1	40	12 $\frac{1}{2}$	56.6	55.7	78.3	76.4	..	..	..	61.7	..	113.1
Kirkintilloch,	195	5 $\frac{3}{8}$	41.7	..	41.7	..	156	8 $\frac{3}{8}$	49.8	..	55.3	..	186	12 $\frac{1}{2}$	55.0	..	74.0	..	15	16 $\frac{1}{2}$	66.9	..	127.3	..	216	5 $\frac{3}{8}$	41.7	..	39.5	..	156	8 $\frac{3}{8}$	47.6	..	52.4	..	174	12 $\frac{1}{2}$	55.9	..	76.8	..	9	16 $\frac{1}{2}$	59.8	..	106.6	..
New Kilpatrick,	79	5 $\frac{1}{8}$	42.4	..	42.5	..	50	9	49.4	..	59.0	..	75	12 $\frac{1}{2}$	59.2	..	79.5	..	4	16 $\frac{1}{2}$	66.2	..	125.1	..	63	6	42.0	..	41.3	..	64	8 $\frac{3}{8}$	48.6	..	54.9	..	62	12 $\frac{1}{2}$	57.3	..	83.6	..	12	16 $\frac{1}{2}$	64.0	..	120.5	..
Old Kilpatrick,	619	5 $\frac{3}{8}$	41.8	..	40.4	..	495	8 $\frac{1}{2}$	47.5	..	53.7	..	493	12 $\frac{1}{2}$	55.2	..	74.3	..	17	16 $\frac{1}{2}$	63.5	..	117.3	..	615	5 $\frac{3}{8}$	41.5	..	38.7	..	515	8 $\frac{3}{8}$	48.2	..	52.2	..	476	12 $\frac{1}{2}$	55.7	..	75.4	..	22	16 $\frac{1}{2}$	62.3	..	107.3	..
Dumbarton,	189	5 $\frac{1}{2}$	42.6	..	41.3	..	202	8 $\frac{3}{8}$	48.4	..	54.0	..	246	12 $\frac{1}{2}$	55.1	..	74.0	..	29	16 $\frac{1}{2}$	64.3	..	112.6	..	221	5 $\frac{1}{2}$	42.4	..	40.4	..	191	8 $\frac{1}{8}$	47.8	..	51.0	..	231	12 $\frac{1}{2}$	55.3	..	75.0	..	43	16 $\frac{1}{2}$	62.5	..	110.6	..
Vale of Leven,	223	6	42.6	..	41.3	..	203	8 $\frac{1}{2}$	48.1	..	53.5	..	174	12 $\frac{1}{2}$	55.1	..	72.9	..	11	16 $\frac{1}{2}$	65.2	..	110.5	..	203	6	42.4	..	39.8	..	190	8 $\frac{3}{8}$	49.2	..	53.3	..	168	12 $\frac{1}{2}$	55.7	..	76.1	..	3	16 $\frac{1}{2}$	62.9	..	120.6	..
Helensburgh,	95	5 $\frac{1}{2}$	43.5	..	43.2	..	78	8 $\frac{1}{2}$	48.3	..	54.2	..	86	12 $\frac{1}{2}$	56.3	..	78.4	..	5	16 $\frac{1}{2}$	66.0	..	122.3	..	90	5 $\frac{1}{2}$	42.6	..	41.0	..	62	8 $\frac{3}{8}$	48.3	..	52.6	..	76	12 $\frac{1}{2}$	57.0	..	79.2	..	11	16 $\frac{1}{2}$	63.8	..	112.0	..
<b>Total,</b>	<b>1448</b>	<b>5<math>\frac{3}{8}</math></b>	<b>42.3</b>	<b>41.0</b>	<b>41.4</b>	<b>39.9</b>	<b>1240</b>	<b>8<math>\frac{1}{2}</math></b>	<b>48.5</b>	<b>47.0</b>	<b>55.0</b>	<b>54.9</b>	<b>1294</b>	<b>12<math>\frac{1}{2}</math></b>	<b>55.4</b>	<b>54.9</b>	<b>75.9</b>	<b>76.7</b>	<b>82</b>	<b>16<math>\frac{1}{2}</math></b>	<b>65.3</b>	<b>64.3</b>	<b>120.5</b>	<b>119.0</b>	<b>1453</b>	<b>5<math>\frac{3}{8}</math></b>	<b>41.9</b>	<b>40.8</b>	<b>39.7</b>	<b>39.6</b>	<b>1225</b>	<b>8<math>\frac{1}{2}</math></b>	<b>48.2</b>	<b>46.6</b>	<b>52.9</b>	<b>52.1</b>	<b>1227</b>	<b>12<math>\frac{1}{2}</math></b>	<b>56.2</b>	<b>55.7</b>	<b>77.7</b>	<b>76.4</b>	<b>100</b>	<b>16<math>\frac{1}{2}</math></b>	<b>62.5</b>	<b>61.7</b>	<b>112.9</b>	<b>113.1</b>
	<b>*County Standards.</b>		<b>41.4 inches.</b>		<b>40.6 lbs.</b>		<b>County Standards.</b>	<b>48.3 inches.</b>		<b>54.0 lbs.</b>		<b>County Standards.</b>	<b>54.9 inches.</b>		<b>73.7 lbs.</b>		<b>County Standards.</b>	<b>64.0 inches.</b>		<b>118.8 lbs.</b>		<b>County Standards.</b>	<b>41.3 inches.</b>		<b>39.3 lbs.</b>		<b>County Standards.</b>	<b>48.2 inches.</b>		<b>51.9 lbs.</b>		<b>County Standards.</b>	<b>55.1 inches.</b>		<b>73.4 lbs.</b>		<b>County Standards.</b>	<b>62.2 inches.</b>		<b>111.4 lbs.</b>								

\*It has been felt that the Anthropometric Standard is not satisfactory, because it is based on an insufficient number of observations. A County of Dumbarton Standard has therefore been arrived at by combining and averaging the figures in previous Annual Reports for a number of years back.

The following table shows the number of observations on which the County Standard is based :—taken from Annual Reports 1919-20 to 1926-27.

	Entrants.		8 Years of Age.		12 Years of Age.		16 years of Age.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Number Examined,	13,091	12,429	9,146	9,014	14,013	14,064	510	531
Average Age, ...	5 $\frac{7}{8}$	5 $\frac{1}{2}$	8 $\frac{3}{8}$	8 $\frac{3}{8}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	16 $\frac{1}{2}$	16 $\frac{1}{2}$



SCHOOL MANAGEMENT AREA.	No. of Routine Cases examined.	ROUTINE CASES.												NON-ROUTINE.	
		HEAD.						BODY.						HEAD.	BODY.
		Good.		Medlum.		Bad.		Good.		Medlum.		Bad.		Bad.	Bad.
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	Boys,	131	98.5	2	1.5	..	..	129	97.0	4	3.0	..	..	..	..
	Girls,	132	92.5	10	7.5	..	..	123	93.2	9	6.8	..	..	..	..
	Total,	263	95.5	12	4.5	..	..	252	95.1	13	4.9	..	..	..	..
Kirkintilloch,	Boys,	531	96.3	19	3.4	2	0.3	528	95.8	17	3.0	7	1.2	..	..
	Girls,	535	96.5	19	3.4	1	0.1	540	97.4	14	2.5	1	0.1	..	..
	Total,	1066	96.4	38	3.4	3	0.2	1068	96.0	31	2.7	8	0.7	..	..
New Kilpatrick,	Boys,	213	99.6	1	0.4	..	..	214	100.0	..	..	..	..	..	..
	Girls,	201	99.1	2	0.9	..	..	199	99.1	2	0.9	..	..	..	..
	Total,	415	99.3	3	0.7	..	..	413	99.6	2	0.4	..	..	..	..
Old Kilpatrick,	Boys,	1596	98.3	27	1.6	1	0.1	1576	97.1	46	2.8	2	0.1	..	..
	Girls,	1628	94.9	83	5.0	1	0.1	1571	96.5	56	3.4	1	0.1	..	..
	Total,	3222	96.6	110	3.3	2	0.1	3147	96.8	102	3.1	3	0.1	..	..
Dumbarton,	Boys,	641	96.3	24	3.6	1	0.1	636	95.6	27	4.0	3	0.4	..	..
	Girls,	686	93.3	46	6.7	..	..	645	94.0	41	6.0	..	..	..	..
	Total,	1327	94.8	70	5.1	1	0.1	1281	94.8	68	5.0	3	0.2	..	..
Vale of Leven,	Boys,	611	95.9	25	4.0	1	0.1	587	96.1	22	3.6	2	0.3	..	..
	Girls,	564	93.4	36	6.3	2	0.3	540	95.9	23	4.0	1	0.1	..	..
	Total,	1175	94.6	61	5.2	3	0.2	1127	96.0	45	3.8	3	0.2	..	..
Helensburgh,	Boys,	264	98.2	4	1.5	1	0.3	260	98.6	3	1.1	1	0.3	..	..
	Girls,	239	98.4	4	1.6	..	..	236	98.8	3	1.2	..	..	..	..
	Total,	503	98.3	8	1.5	1	0.2	496	98.7	6	1.1	1	0.2	..	..
Total,	Boys,	4064	97.4	102	2.5	6	0.1	3930	96.8	119	2.9	15	0.3	..	..
	Girls,	4005	95.0	200	4.9	4	0.1	3854	97.2	148	2.7	3	0.1	..	..
	Total,	8069	96.2	302	3.7	10	0.1	7784	97.0	267	2.8	18	0.2	..	..

The following table shows at a glance a summary of the previous table (7.—G (a)), *i.e.*, children in each area showing evidence of verminous condition of the head or body or both.

School Management Area.	Number of Routine Cases Examined.	Number showing evidence of Vermin.	Percentage.
Cumbernauld, .. ..	265	12	4.5
Kirkintilloch, .. ..	1107	53	4.7
New Kilpatrick, .. ..	415	8	1.9
Old Kilpatrick, .. ..	3252	222	6.8
Dumbarton, .. .. .	1352	261	19.3
Vale of Leven, .. ..	1175	202	17.2
Helensburgh, .. .. .	503	46	9.1
Total, .. .. .	8069	804	9.9

## 7.—I. Nutrition.

SCHOOL MANAGEMENT AREA.	ROUTINE CASES.										NON-ROUTINE CASES.		
	Number of Routine Cases Examined.		Above Average.		Average.		Below Average.		Very Bad.		Below Average.	Very Bad.	
	No.	%	No.	%	No.	%	No.	%	No.	%			
Cumbernauld,	Boys,	6	4.5	126	94.8	1	0.7	..	..	..	..	..	
	Girls,	132	9.7	109	82.8	10	7.5	..	..	..	..	..	
	Total,	265	7.1	235	88.8	11	4.1	..	..	..	..	1	
Kirkcaldilloch,	Boys,	552	5.2	502	91.0	20	3.6	1	0.2	..	..	..	
	Girls,	555	5.6	500	90.1	22	4.0	2	0.3	..	..	..	
	Total,	1107	5.4	1002	90.6	42	3.8	3	0.2	..	..	..	
New Kilpatrick,	Boys,	214	5.6	197	92.1	5	2.3	..	..	..	..	..	
	Girls,	201	11.4	177	88.1	1	0.5	..	..	..	..	..	
	Total,	415	8.5	374	90.1	6	1.4	..	..	..	..	..	
Old Kilpatrick,	Boys,	1624	3.4	1470	90.6	95	5.8	4	0.2	..	..	..	
	Girls,	1628	4.3	1430	89.2	102	6.2	5	0.3	..	..	..	
	Total,	3252	3.8	2920	89.9	197	6.0	9	0.3	1	..	..	
Dumbarton,	Boys,	666	6.4	519	78.0	103	15.5	1	0.1	..	..	..	
	Girls,	686	5.4	567	82.7	81	11.8	1	0.1	..	..	..	
	Total,	1352	5.9	1086	80.4	184	13.6	2	0.1	4	..	1	
Vale of Leven,	Boys,	611	5.4	496	81.2	77	12.6	5	0.8	..	..	..	
	Girls,	564	5.0	461	81.7	74	13.1	1	0.2	..	..	..	
	Total,	1175	5.2	957	81.5	151	12.8	6	0.5	3	..	..	
Hidensburgh,	Boys,	264	6.0	225	85.3	23	8.7	..	..	..	..	..	
	Girls,	239	4.2	209	87.5	19	7.9	1	0.4	..	..	..	
	Total,	503	5.1	434	86.4	42	8.3	1	0.2	..	..	..	
Total,	Boys,	4064	4.8	3535	87.0	324	8.0	11	0.2	..	..	..	
	Girls,	4005	5.3	3473	86.7	309	7.7	10	0.3	..	..	..	
	Total,	8069	5.0	7008	86.9	633	7.9	21	0.2	8	..	2	

## 7.—J. Teeth.

SCHOOL MANAGEMENT AREA.	ROUTINE CASES.												NON-ROUTINE.	
	No. of cases Ex- amined.	No Teeth. Decayed.		1 to 4 Teeth Decayed.		5 or more Teeth Decayed.		Oral Sepsis.		5 or more Decayed.		Oral Sepsis.		
		No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.			
Cumbernauld,	Boys,	63	47.4	54	40.6	16	12.0	1	0.7	..	..	..		
	Girls,	48	36.3	68	51.6	16	12.1	8	2.2	..	..	..		
	Total,	111	41.9	122	46.0	32	12.1	4	1.5	..	..	..		
Kirkintilloch,	Boys,	183	33.1	257	46.6	112	20.3	15	2.7	..	..	..		
	Girls,	205	36.9	260	46.9	90	16.2	13	2.3	..	..	..		
	Total,	388	35.0	517	46.8	202	18.2	28	2.5	..	..	..		
New Kilpatrick,	Boys,	71	33.2	105	49.1	38	17.7	3	1.4	..	..	..		
	Girls,	63	31.3	107	53.3	31	15.4	..	..	..	..	..		
	Total,	134	32.3	212	51.2	69	16.5	3	0.7	..	..	..		
Old Kilpatrick,	Boys,	1624	36.5	726	44.7	305	18.8	42	2.5	..	..	..		
	Girls,	1628	40.7	711	43.7	255	15.6	34	2.0	..	..	..		
	Total,	3252	38.6	1437	44.2	560	17.2	76	2.3	..	..	4		
Dumbarton,	Boys,	666	36.9	310	46.6	110	16.5	32	4.8	..	..	..		
	Girls,	686	37.2	335	48.8	96	14.0	37	5.3	..	..	..		
	Total,	1352	37.1	645	47.7	206	15.2	69	5.1	..	..	1		
Vale of Leven,	Boys,	611	31.9	310	50.8	106	17.3	50	8.1	..	..	..		
	Girls,	594	34.4	267	47.3	103	18.3	43	7.5	..	..	..		
	Total,	1175	33.2	577	49.0	209	17.8	93	7.8	..	..	2		
Helensburgh,	Boys,	264	36.0	122	40.2	47	17.8	20	7.5	..	..	..		
	Girls,	239	36.8	111	40.5	40	16.7	22	9.1	..	..	..		
	Total,	503	36.4	233	46.4	87	17.2	42	8.3	..	..	..		
Total,	Boys,	4064	35.6	1881	46.4	734	18.0	103	4.0	..	..	..		
	Girls,	4005	37.8	1850	46.4	631	15.8	152	3.8	..	..	..		
	Total,	8069	36.7	3743	46.4	1365	16.9	315	3.9	..	..	7		

7.—H. Condition of Skin.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	ECZEMA.				RINGWORM.				IMPETIGO.				SORES.				SCABIES.				ALOPECIA.				PSORIASIS.				OTHERS.				TOTAL.													
		Routine.		Non-Routine.		Routine.		Non-Routine.		Routine.		Non-Routine.		Routine.		Non-Routine.		Routine.		Non-Routine.		Routine.		Non-Routine.		Routine.		Non-Routine.		Routine.		Non-Routine.															
		Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.	Head.	Body.																
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%																
		Examined.	No.	%	No.	%	Head.	Body.	No.	%	No.	%	Head.	Body.	No.	%	No.	%	Head.	Body.	Head.	Body.	No.	%	Body.	No.	%	Head.	Body.	No.	%	Head.	Body.														
Cumbersault,	269	..	..	..	..	..	..	1	0.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..														
Kirkintilloch,	978	..	..	1	0.1	..	..	2	0.2	..	..	..	..	10	1.0	..	..	3	..	..	..	1	0.1	..	..	2	0.2	..	..	..	..	1	2	0.7	1	0.3	2	2									
New Kilpatrick	887	..	..	..	..	..	..	..	..	..	..	..	..	3	0.7	1	0.2	1	..	..	..	..	..	..	2	0.2	..	..	..	..	..	..	..	12	1.2	6	0.6	3	..								
Old Kilpatrick,	8044	..	..	5	0.1	2	3	4	0.1	2	0.00	9	5	18	0.5	2	0.06	47	13	1	0.03	0	0.2	14	13	7	0.2	34	3	0.1	8	1	0.2	..	..	4	1.0	5	1.3	1	..						
Dumbarton,	1445	1	0.06	5	0.3	..	9	..	..	..	..	3	1	2	0.1	..	..	8	6	..	..	1	0.06	9	11	2	0.2	33	1	0.00	4	2	0.03	1	..	..	11	0.3	..	9	26	0.6	34	1.1	80	78	
Vale of Leven,	1166	..	..	3	0.2	1	3	1	0.08	1	0.08	1	..	3	0.2	1	0.08	31	1	2	0.2	2	0.2	1	18	3	0.2	30	..	..	5	..	..	8	0.5	..	5	4	0.2	18	1.2	24	66				
Helenburgh,	454	..	..	..	..	..	2	..	..	1	0.2	..	..	1	0.2	..	..	7	2	..	..	1	0.2	..	4	1	0.2	8	2	0.4	..	..	1	0.2	..	..	..	9	0.7	..	8	6	0.5	19	1.6	39	67
<b>Total,</b>	<b>7743</b>	<b>1</b>	<b>0.01</b>	<b>14</b>	<b>0.2</b>	<b>3</b>	<b>17</b>	<b>8</b>	<b>0.1</b>	<b>4</b>	<b>0.05</b>	<b>13</b>	<b>6</b>	<b>38</b>	<b>0.4</b>	<b>4</b>	<b>0.05</b>	<b>97</b>	<b>22</b>	<b>3</b>	<b>0.03</b>	<b>12</b>	<b>0.14</b>	<b>26</b>	<b>47</b>	<b>17</b>	<b>0.2</b>	<b>111</b>	<b>7</b>	<b>0.09</b>	<b>17</b>	<b>7</b>	<b>0.09</b>	<b>3</b>	<b>..</b>	<b>..</b>	<b>29</b>	<b>0.3</b>	<b>..</b>	<b>25</b>	<b>57</b>	<b>0.7</b>	<b>87</b>	<b>1.1</b>	<b>156</b>	<b>231</b>	





## 7.—K. Nose, Throat, and Lymphatic Glands.

(a) NOSE.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Catarrh.			Obstruction.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.
Cumbernauld, .. .. .	265	2	0·7	..	1	0·3	..	1	0·3	..	4	1·5	..
Kirkintilloch, .. .. .	1107	..	..	..	13	1·2	..	2	0·1	2	15	1·3	2
New Kilpatrick, .. .. .	415	..	..	..	2	0·1	..	..	..	..	2	0·4	..
Old Kilpatrick, .. .. .	3252	7	0·2	..	35	1·0	5	5	0·1	6	47	1·4	11
Dumbarton, .. .. .	1352	22	1·5	1	55	4·0	2	..	..	2	77	5·6	5
Vale of Leven, .. .. .	1175	11	0·9	4	59	4·9	9	..	..	2	70	5·9	15
Helensburgh, .. .. .	503	6	1·1	..	39	7·6	1	..	..	2	45	8·8	3
<b>Total, .. .. .</b>	<b>8069</b>	<b>48</b>	<b>0·5</b>	<b>5</b>	<b>204</b>	<b>2·5</b>	<b>17</b>	<b>8</b>	<b>0·09</b>	<b>14</b>	<b>260</b>	<b>3·2</b>	<b>36</b>

## 7.—K. Nose, Throat, and Lymphatic Glands—continued.

(b) 1. TONSILS.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Enlarged.			Much Enlarged.			Removed.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld, .. .. .	265	9.4	1	..	..	..	5	1.8	1	..
Kirkcubbin, .. .. .	1107	5.6	6	1	0.09	..	47	4.2	..	..
New Kilpatrick, .. .. .	415	5.0	3	..	..	..	11	2.6	..	..
Old Kilpatrick, .. .. .	3252	7.2	42	54	1.4	6	181	5.5	..	..
Dumbarton, .. .. .	1352	13.5	53	141	10.4	17	169	13.5	6	..
Vale of Leven, .. .. .	1175	14.0	45	105	8.9	26	146	12.4	11	..
Helensburgh, .. .. .	503	2.2	26	47	9.2	9	42	8.2	39	..
Total, .. .. .	8069	9.8	170	348	4.3	58	601	7.4	57	..

## 7.—K. Nose, Throat, and Lymphatic Glands—continued.

(b) 2. ADENOIDS.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Present.			Suspected.			Removed.			
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	
Cumbernauld, .. .. .	265	..	..	1	0.3	1	0.3	3	1.1	..	..
Kirkintilloch, .. .. .	1107	9	0.8	4	0.9	..	..	30	2.7	..	..
New Kilpatrick, .. .. .	415	..	..	2	1.4	..	..	8	1.9	..	..
Old Kilpatrick, .. .. .	3252	19	0.5	44	1.6	..	..	152	4.6	..	..
Dumbarton, .. .. .	1352	4	0.2	31	1.3	2	2	162	11.9	4	4
Vale of Leven, .. .. .	1175	6	0.5	37	0.0	9	9	136	11.5	7	7
Helensburgh, .. .. .	503	3	0.5	19	6.3	..	..	42	8.3	39	39
Total, .. .. .	8069	41	0.5	138	3.2	12	12	533	6.6	50	50



## 7.—L. External Eye Diseases.

SCHOOL MANAGEMENT AREA.	No. of Routine Cases Ex- amined.	Strabismus.				Blepharitis.				Conjunctivitis.				Corneal Opacities.				Other Diseases.				
		Routine.		Non- Rou- tine.		Routine.		Non- Rou- tine.		Routine.		Non- Rou- tine.		Routine.		Non- Rou- tine.		Routine.		Non- Rou- tine.		
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
Cumbernauld,	Boys,	133	4.5	..	0.7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Girls,	132	2.3	..	1.5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total,	265	3.4	5	1.1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kirkintilloch,	Boys,	552	2.0	..	0.5	..	0.4	..	0.4	..	..	..	..	..	..	..	..	..	..	..	..	..
	Girls,	555	3.4	..	1.6	..	4	0.7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total,	1107	2.7	..	1.1	1	6	0.5	1	3	0.3	..	..	..	..	..	..	..	..	..	..	..
New Kilpatrick,	Boys,	214	1.4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Girls,	201	1.9	..	1.4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total,	415	1.6	..	0.7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick,	Boys,	1624	2.5	..	1.0	..	6	0.4	..	6	0.4	..	..	..	..	..	..	..	..	..	..	..
	Girls,	1628	2.6	..	1.2	..	3	0.2	..	3	0.2	..	..	..	..	..	..	..	..	..	..	..
	Total,	3252	2.4	10	1.1	11	9	0.3	16	9	0.3	11	7	0.2	3	0.2	..	..	..	..	..	..
Dumbarton,	Boys,	666	2.4	..	1.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Girls,	686	2.8	..	1.3	..	1	0.1	..	1	0.1	..	..	..	..	..	..	..	..	..	..	..
	Total,	1352	2.5	9	1.2	16	1	0.1	15	4	0.3	9	..	..	..	..	..	..	..	..	..	..
Vale of Leven,	Boys,	611	4.6	..	0.8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Girls,	564	4.2	..	1.2	..	1	0.2	..	1	0.2	..	..	..	..	..	..	..	..	..	..	..
	Total,	1175	4.4	15	1.0	13	1	0.1	13	7	0.6	5	3	0.2	..	..	..	..	..	..	..	..
Helensburgh,	Boys,	264	2.3	..	0.7	..	1	0.4	..	1	0.4	..	..	..	..	..	..	..	..	..	..	..
	Girls,	239	2.5	..	0.8	..	2	0.8	..	2	0.8	..	..	..	..	..	..	..	..	..	..	..
	Total,	503	2.4	4	0.8	2	1	0.3	6	2	0.4	2	..	..	..	..	..	..	..	..	..	..
Total,	Boys,	4064	2.7	..	0.9	..	9	0.2	..	9	0.2	..	..	..	..	..	..	..	..	..	..	..
	Girls,	4005	2.9	..	1.3	..	51	1.3	..	9	0.2	..	..	..	..	..	..	..	..	..	..	..
	Total,	8069	2.8	43	1.1	44	18	0.2	53	27	0.3	27	12	0.1	7	0.1	..	..	..	..	..	..

## 7.—N. Ear Disease.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.		Otorrhoea.			Wax.			Others.			Total.			
	No.	%	Routine.	Non- Routine.	Non- outline	Routine.	%	No.	%	Routine.	Non- Routine.	No.	%	Routine.	Non- Routine.
Cumbernauld, . . . . .	265		3	1.1	1	3	1.1	..	..	..	..	6	2.3	1	
Kirkintilloch, . . . . .	1107		8	0.7	3	8	0.7	..	..	..	..	16	1.4	3	
New Kilpatrick, . . . . .	415		1	0.2	..	..	..	..	..	..	..	1	0.2	..	
Old Kilpatrick, . . . . .	3252		35	1.0	15	12	0.4	15	..	..	..	47	1.4	30	
Dumbarton, . . . . .	1352		21	1.5	20	3	0.2	2	..	..	..	24	1.7	22	
Vale of Leven, . . . . .	1175		11	0.9	14	1	0.1	5	..	..	..	12	1.0	19	
Helensburgh, . . . . .	503		4	0.8	2	..	..	..	..	..	..	4	0.8	2	
Total, . . . . .	8009		83	1.0	55	27	0.3	22	..	..	..	110	1.4	77	

Wax is noted only when sufficient to interfere with hearing.

7.—M. Visual Acuity (Snellen's Test at 6 Metres).

Vision shown is "Working Vision," i.e. vision of better eye. Good Vision =  $\frac{6}{6}$  Fair Vision =  $\frac{6}{3}$  Bad Vision =  $\frac{6}{18}$  or worse.

SCHOOL MANAGEMENT. AREA.		ROUTINE CASES.																												Non-Routine.									
		AGE 8.								AGE 12.								AGE 16.								TOTAL.								Bad.	Bad in One Eye only.				
		No. Examined.	Good.		Fair.		Bad.		Bad in One Eye only.		No. Examined.	Good.		Fair.		Bad.		Bad in One Eye only.		No. Examined.	Good.		Fair.		Bad.		Bad in One Eye only.												
			No.	%	No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.	%		No.	%	No.	%	No.	%	No.	%	No.	%									
Cumbernauld,	Boys,	50	43	86.0	2	4.0	4	8.0	1	2.0	34	23	78.5	2	5.9	4	11.7	2	5.9	1	..	..	1	100.0	..	..	..	..	85	69	81.2	5	5.9	8	9.4	3	3.5	..	..
	Girls,	47	38	80.9	4	8.5	3	6.4	2	4.2	40	30	75.0	3	7.5	4	10.0	3	7.5	..	..	..	..	..	..	..	..	87	63	73.2	7	8.0	7	8.0	5	5.8	..	..	
	Total,	97	81	83.5	6	6.2	7	7.2	3	3.1	74	56	75.8	5	6.7	8	10.8	5	6.7	1	..	..	1	100.0	..	..	..	172	137	79.7	12	7.0	15	8.7	8	4.6	16	1	
Kirkintilloch,	Boys,	156	129	82.7	16	10.2	6	3.9	5	3.2	186	153	82.2	13	7.0	7	3.8	13	7.0	15	13	86.6	..	..	2	13.4	..	..	357	295	82.7	29	8.1	15	4.2	18	5.0	..	..
	Girls,	156	130	83.3	14	9.0	7	4.5	5	3.2	174	123	70.7	27	15.4	18	10.4	6	3.5	9	7	77.8	1	11.1	1	11.1	..	..	339	260	76.7	42	12.4	26	7.7	11	3.2	..	..
	Total,	312	259	83.0	30	9.6	13	4.2	10	3.2	360	276	76.5	40	11.2	25	7.1	19	5.2	24	20	82.2	1	5.6	3	12.2	..	..	696	555	79.7	71	10.3	41	5.9	29	4.1	14	..
New Kilpatrick,	Boys,	56	50	89.3	3	5.3	2	3.6	1	1.8	75	69	92.0	3	4.0	3	4.0	..	..	4	3	75.0	..	..	1	25.0	..	..	135	122	90.4	6	4.4	6	4.4	1	0.8	..	..
	Girls,	64	52	81.3	10	15.7	1	1.6	1	1.5	62	51	82.3	3	4.8	2	3.2	6	9.7	12	11	91.7	..	..	1	8.3	..	..	138	114	82.6	13	9.4	4	3.0	7	5.0	..	..
	Total,	120	102	85.3	13	10.5	3	2.5	2	1.7	137	120	87.2	6	4.4	5	3.6	6	4.8	16	14	83.4	..	..	2	16.6	..	..	273	236	86.5	19	6.9	10	3.7	8	2.9	2	..
Old Kilpatrick,	Boys,	465	410	88.2	53	10.7	22	4.4	10	2.0	493	372	75.5	59	11.9	34	7.0	28	5.6	17	14	82.3	2	11.8	..	..	1	5.9	1005	796	79.3	114	11.4	56	5.5	39	3.8	..	..
	Girls,	515	425	82.7	52	10.1	21	4.1	16	3.1	476	373	78.3	55	11.6	28	5.8	20	4.3	22	13	59.1	3	13.6	4	18.2	2	9.1	1013	812	80.2	110	10.9	53	5.2	38	3.7	..	..
	Total,	1010	836	82.8	105	10.4	43	4.2	26	2.6	969	745	77.0	114	11.7	62	6.4	48	4.9	39	27	70.7	5	12.7	4	9.1	3	7.5	2018	1608	79.8	224	11.2	109	5.3	77	3.7	60	1
Dumbarton,	Boys,	202	174	86.1	17	8.4	5	2.5	6	3.0	246	209	85.0	21	8.6	10	4.0	6	2.4	29	20	69.0	2	6.0	4	13.8	3	10.3	477	403	84.5	40	8.4	19	4.0	15	3.1	..	..
	Girls,	191	156	81.7	20	10.5	12	6.3	3	1.5	237	184	79.6	33	14.3	11	4.8	3	1.3	43	36	83.7	3	7.0	4	9.3	..	..	465	376	80.9	56	12.0	27	5.8	6	1.3	..	..
	Total,	393	330	84.0	37	9.4	17	4.4	9	2.2	483	393	82.3	54	11.4	21	4.4	9	1.9	72	56	76.4	5	6.9	8	11.6	3	5.1	942	779	82.7	96	10.2	46	4.9	21	2.2	7	1
Vale of Leven,	Boys,	203	172	84.7	19	9.4	7	3.4	5	2.5	174	154	88.5	9	5.2	7	4.0	4	2.3	11	9	81.8	2	18.2	..	..	..	..	388	335	86.4	30	7.7	14	3.6	9	2.3	..	..
	Girls,	190	155	81.6	13	6.9	9	4.7	2	1.0	163	143	85.1	15	8.9	7	4.1	3	1.9	3	3	100.0	..	..	..	..	..	361	312	86.4	23	7.8	16	4.4	5	1.4	..	..	
	Total,	393	328	86.1	32	8.2	16	4.0	7	1.7	342	297	86.8	24	7.1	14	4.0	7	2.1	14	12	86.0	2	14.0	..	..	..	..	749	647	86.4	58	7.8	30	4.0	14	1.8	8	..
Helensburgh,	Boys,	78	72	92.3	4	5.1	2	2.6	..	..	86	71	82.6	6	3.3	6	6.9	1	1.2	5	4	80.0	..	..	1	20.0	..	..	169	147	87.0	12	7.1	9	5.3	1	0.6	..	..
	Girls,	62	50	80.7	10	16.1	1	1.6	1	1.6	76	67	88.2	6	7.3	3	3.9	..	..	11	8	72.7	..	..	3	27.3	..	..	149	125	84.0	16	10.8	7	4.6	1	0.6	..	..
	Total,	140	122	86.5	14	10.6	3	2.1	1	0.8	162	138	85.4	14	8.6	9	5.4	1	0.6	16	12	75.0	..	..	4	25.0	..	..	318	272	85.5	28	9.0	16	4.9	2	0.6	3	..
Total,	Boys,	1240	1050	84.7	114	9.2	48	3.9	28	2.2	1294	1054	81.4	115	9.0	71	5.4	54	4.2	82	63	76.8	7	8.5	8	9.8	4	4.9	2616	2167	82.9	236	9.0	127	4.8	86	3.3	..	..
	Girls,	1225	1018	83.0	123	10.0	54	4.5	30	2.5	1227	971	79.1	142	11.6	73	6.0	41	3.3	100	78	78.0	7	7.0	13	13.0	2	2.0	2552	2067	81.0	272	10.7	140	5.5	73	2.8	..	..
	Total,	2465	2068	83.9	237	9.6	102	4.2	58	2.3	2521	2025	80.3	257	10.3	144	5.7	95	3.7	182	141	77.4	14	7.8	21	11.4	6	3.4	5168	4234	82.0	508	9.9	267	5.1	159	3.0	110	5





## 7.—0. Hearing.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Slightly Deaf.			Very Deaf.			Total.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld, .. .. .	265	4	1.5	..	..	..	4	1.5	..	
Kirkintilloch, .. .. .	1107	13	1.2	3	0.1	..	14	1.3	3	
New Kilpatrick, .. .. .	415	2	0.5	..	..	..	2	0.5	..	
Old Kilpatrick, .. .. .	3252	32	1.0	24	0.2	3	33	1.2	27	
Dumbarton, .. .. .	1352	48	3.5	8	0.1	1	49	3.6	9	
Vale of Leven, .. .. .	1175	26	2.2	10	..	..	26	2.2	10	
Helensburgh, .. .. .	503	13	2.5	6	..	..	13	2.5	6	
<b>Total, .. .. .</b>	<b>8069</b>	<b>138</b>	<b>1.7</b>	<b>51</b>	<b>0.1</b>	<b>4</b>	<b>140</b>	<b>1.8</b>	<b>55</b>	

## 7.—P. Speech.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Defective Articulation.			Stammering.			Totals.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld, .. .. .	265	1	0.4	..	..	..	..	1	0.4	..
Kirkintilloch, .. .. .	1107	1	0.1	9	1	0.1	..	2	0.2	9
New Kilpatrick, .. .. .	415	..	..	1	..	..	..	..	..	1
Old Kilpatrick, .. .. .	3252	7	0.2	9	9	0.3	6	16	0.5	15
Dumbarton, .. .. .	1352	6	0.4	2	6	0.4	..	12	0.8	2
Vale of Leven, .. .. .	1175	7	0.6	..	6	0.5	2	13	1.1	2
Helensburgh, .. .. .	503	5	1.0	1	1	0.2	..	6	1.2	1
Total, .. .. .	8069	27	0.3	22	23	0.3	8	50	0.6	30

## 7.—Q. Mental Condition.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Dull or Backward.			Mentally Deficient.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld, .. .. .	265	1	0.4	..	..	..	1	0.4	..	..
Kirkintilloch, .. .. .	1107	3	0.3	10	..	6	3	0.3	16	1.6
New Kilpatrick, .. .. .	415	..	..	..	..	..	..	..	..	..
Old Kilpatrick, .. .. .	3252	27	0.8	7	1	0.03	28	0.8	11	1.1
Dumbarton, .. .. .	1352	1	0.1	1	1	0.1	2	0.1	5	0.5
Vale of Leven, .. .. .	1175	5	0.4	1	4	0.3	9	0.7	5	0.5
Helensburgh, .. .. .	503	1	0.2	..	..	..	1	0.2	1	0.2
Total, .. .. .	8069	38	0.5	19	6	0.1	44	0.5	38	0.5

## 7.—R. Heart and Circulation:

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Organic Disease.						Functional Disease.				Total.	
		Congenital.			Acquired.			Routine.		Non-Routine.		No.	Per Cent.
		No.	Per Cent.	Non-Routine.	No.	Per Cent.	Non-Routine.	No.	Per Cent.				
										Routine.	Routine.	Routine.	Non-Routine.
Cumbernauld, .. .. .	265	..	..	1	..	..	..	..	..	..	..	..	1
Kirkintilloch, .. .. .	1107	1	0.1	..	1	0.1	5	..	..	2	0.2	..	5
New Kilpatrick, .. .. .	415	..	..	..	1	0.2	..	..	..	1	0.2	..	..
Old Kilpatrick, .. .. .	3252	2	0.1	..	8	0.2	1	..	..	10	0.3	..	4
Dumbarton, .. .. .	1352	2	0.1	..	12	0.9	..	..	..	14	1.0	..	..
Vale of Leven, .. .. .	1175	4	0.3	..	8	0.7	2	2	0.2	14	1.1	1	3
Helensburgh, .. .. .	503	2	0.4	..	..	..	1	..	..	2	0.4	..	1
Total, .. .. .	8069	11	0.1	1	30	0.4	12	..	0.02	43	0.5	1	11

## 7.—S. Lungs.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Bronchial Catarrh.			Bronchitis.			Tuberculosis.			Tuberculosis Suspected.			Asthma.			Total.			
		Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld,	265	..	..	..	..	..	1	..	..	..	..	..	1	0.4	1	0.4	1	0.4	2	..
Kirkintilloch,	1107	7	0.6	..	7	0.6	..	..	..	..	..	..	1	0.1	..	..	15	1.3	..	..
New Kilpatrick,	415	2	0.5	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0.5	..	..
Old Kilpatrick,	3252	28	0.8	1	11	0.3	7	..	..	1	0.03	..	8	0.2	4	0.1	48	1.4	13	..
Dumbarton,	1352	25	1.8	4	..	..	3	1	0.1	..	..	..	3	0.2	..	..	29	2.1	7	..
Vale of Leven,	1175	32	2.7	7	1	0.1	1	..	..	..	..	..	3	0.2	1	..	36	3.0	9	..
Helensburgh,	503	6	1.2	8	2	0.4	2	..	..	..	..	..	..	..	1	..	8	1.6	11	..
Total, ..	8069	100	1.2	20	21	0.2	14	1	0.01	1	0.01	1	1	0.01	16	0.1	139	1.7	42	..

## 7.—T. Nervous System.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Epilepsy.		Chorea.		Infantile Paralysis.		Others.		Total.						
		Routine.		Non- Routine.		Routine.		Non- Routine.		Routine.		Non- Routine.				
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%			
Cumbernauld, .. ..	265	..	..	..	..	..	..	..	..	..	..	..	..			
Kirkintilloch, .. ..	1107	..	..	..	1	0.4	..	..	..	..	4	0.4	1			
New Kilpatrick, .. ..	415	..	..	..	..	1	0.2	..	..	..	1	0.2	..			
Old Kilpatrick, .. ..	3252	..	8	..	1	1.7	4	3	0.7	2	10	2.4	15			
Dumbarton, .. ..	1352	1	0.03	..	1	0.03	..	2	0.1	1	5	0.1	1			
Vale of Leven, .. ..	1175	2	0.1	..	1	0.1	2	1	0.1	..	6	0.4	19			
Helensburgh, .. ..	503	..	..	..	2	0.2	2	..	..	1	2	0.2	3			
Total, .. ..	8069	3	0.04	8	4	0.04	19	15	0.2	8	6	0.1	4	28	0.3	39



## 7.—V. Rickets.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Slight.			Marked.			Total.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld, .. .. .	265	1	0.4	..	..	..	1	0.4	..	..
Kirkintilloch, .. .. .	1107	12	1.1	..	0.3	..	15	1.3	..	..
New Kilpatrick, .. .. .	415	1	0.2	..	..	..	1	0.2	..	..
Old Kilpatrick, .. .. .	3252	14	0.4	..	0.2	5	22	0.7	5	..
Dumbarton, .. .. .	1352	6	0.4	..	0.3	3	10	0.7	3	..
Vale of Leven, .. .. .	1175	3	0.2	..	0.2	..	6	0.5	..	..
Helensburgh, .. .. .	503	..	..	..	..	..	..	..	..	..
Total, .. .. .	8009	37	0.4	..	0.2	8	55	0.7	8	..



## 7.—W. Deformities.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Congenital.			Acquired (Non-Rachitic).			Total.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld, .. .. .	265	1	0.4	..	4	1.5	..	5	1.9	..
Kirkintilloch, .. .. .	1107	2	0.2	..	15	1.3	..	17	1.5	..
New Kilpatrick, .. .. .	415	..	..	..	2	0.5	..	2	0.5	..
Old Kilpatrick, .. .. .	3232	9	0.3	..	18	0.5	2	27	0.8	2
Dumbarton, .. .. .	1352	4	0.3	..	14	1.0	4	18	1.3	1
Vale of Leven, .. .. .	1175	3	0.2	..	8	0.7	3	11	0.9	3
Helensburgh, .. .. .	503	..	..	..	1	0.2	1	1	0.2	1
Total, .. .. .	8069	19	0.2	..	62	0.7	10	81	0.9	10

## 7.—X. Infectious or Contagious Diseases.

SCHOOL MANAGEMENT AREA.	No. of Routine Cases Examined.	Whooping-Cough.			Chicken-pox.			Mumps.			Scarlet Fever.			Diphtheria.			Measles.			Total.				
		Routine. No.	Per Cent.	Non- Rou- tine.	Routine. No.	Per Cent.	Non- Rou- tine.	Routine. No.	Per Cent.	Non- Rou- tine.	Routine. No.	Per Cent.	Non- Rou- tine.	Routine. No.	Per Cent.	Non- Rou- tine.	Routine. No.	Per Cent.	Non- Rou- tine.	Routine. No.	Per Cent.	Non- Rou- tine.		
Cumbernauld, ..	265	..	..	..	1	0.4	..	..	..	..	..	..	..	..	..	1	0.4	..	..	..	..	..	..	
Kirkintilloch, ..	1107	..	..	..	1	0.1	..	..	..	..	..	..	..	..	..	1	0.1	..	..	..	..	..	..	
New Kilpatrick, ..	415	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Old Kilpatrick, ..	3252	1	0.03	..	1	0.03	..	..	..	8	1	0.03	..	..	..	1	0.03	1	0.03	9	0.03	..	18	
Dumbarton, ..	1352	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0.1	2	0.1	..	4	
Vale of Leven, ..	1175	..	..	2	..	..	..	3	0.2	4	..	..	..	..	..	..	..	..	9	..	..	3	0.2	
Helensburgh, ..	503	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	9	
Total, ..	8069	1	0.01	4	3	0.04	12	3	0.04	12	1	0.01	2	1	0.01	5	0.01	5	0.02	23	0.02	2	0.02	49

## 7.—Y. Other Diseases and Defects.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Hernia.			Others.			Total.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld, .. .. .	265	2	0.7	..	..	..	2	0.7	5	0.7
Kirkintilloch, .. .. .	1107	8	0.7	..	8	0.7	16	1.4	11	1.4
New Kilpatrick, .. .. .	415	3	0.7	..	2	0.5	5	1.2	5	1.2
Old Kilpatrick, .. .. .	3252	37	1.1	2	12	0.4	49	1.4	58	1.4
Dumbarton, .. .. .	1352	3	0.2	..	7	0.5	10	0.7	191	0.7
Vale of Leven, .. .. .	1175	4	0.3	1	3	0.2	7	0.6	268	0.6
Helensburgh, .. .. .	503	..	..	1	2	0.4	2	0.4	119	0.4
Total, .. .. .	8069	57	0.6	4	34	0.4	91	1.1	657	1.1

## Previous Illnesses.

SCHOOL MANAGEMENT AREA.	No. of Routine Exam- ined.	Measles.		Whooping- Cough.		Chicken- pox.		Mumps.		Scarlet Fever.		Diph- theria.		Smallpox.		Rheuma- tism.		Flts.		Others.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	265	169	63.8	111	41.9	63	23.8	60	22.6	19	7.2	4	1.5	..	..	2	0.7	1	0.4	27	10.2
Kirkintilloch,	1107	806	72.8	593	53.6	220	19.9	243	21.9	84	7.6	82	7.4	4	0.4	14	1.3	5	0.4	184	16.6
New Kilpatrick,	415	289	69.5	232	55.9	111	26.7	87	20.9	25	6.0	9	2.2	..	..	2	0.5	..	..	57	13.7
Old Kilpatrick,	3252	2471	75.8	1918	58.9	1016	31.2	662	19.3	233	6.8	85	2.6	4	0.1	35	1.1	10	0.3	585	17.9
Dumbarton,	1352	1104	81.7	811	60.0	489	36.2	362	26.8	118	8.7	41	3.0	..	..	14	1.0	1	1.0	277	20.5
Vale of Leven,	1175	898	76.4	698	59.4	413	35.1	338	28.8	133	11.3	40	3.9	..	..	12	1.0	3	0.2	224	19.1
Helensburgh,	503	357	70.8	318	63.1	159	31.6	96	18.8	52	10.3	16	3.2	..	..	8	1.6	..	..	87	17.3
Total,	8069	6094	75.6	4681	58.0	2471	30.6	1848	22.9	661	8.2	283	3.5	8	0.1	87	1.1	20	0.2	1441	17.8

# Vaccination.

SCHOOL MANAGEMENT AREA.	Entrants.						Age 8.						Age 12.						Age 16.						Total.	
	Routine Unvaccinated.			Routine Unvaccinated.			Routine Unvaccinated.			Routine Unvaccinated.			Routine Unvaccinated.			Routine Unvaccinated.			Routine Unvaccinated.			Routine Unvaccinated.				
	Cases Exam-ined.	No.	Per Cent.	Cases Exam-ined.	No.	Per Cent.	Cases Exam-ined.	No.	Per Cent.	Cases Exam-ined.	No.	Per Cent.	Cases Exam-ined.	No.	Per Cent.	Cases Exam-ined.	No.	Per Cent.	Cases Exam-ined.	No.	Per Cent.	No.	Per Cent.			
Cumbernuld. . .	93	56	60.2	97	31	31.9	71	24	32.4	1	..	..	..	..	265	111	41.8	..	..	..	..	..	..			
Kirkintilloch, ..	411	256	62.2	312	93	29.8	360	60	16.3	24	..	..	..	..	1107	409	36.9	..	..	..	..	..	..			
New Kilpatrick,	142	51	35.9	120	36	30.0	137	23	16.8	16	2	12.5	2	12.5	415	112	27.0	..	..	..	..	..	..			
Old Kilpatrick,	1234	701	57.0	1040	367	36.3	969	282	29.1	39	7	18.0	39	7	18.0	3252	1360	41.8	..	..	..	..	..			
Dumbarton, ..	410	271	66.1	393	240	61.0	477	246	51.5	72	14	19.4	72	14	19.4	1352	771	57.0	..	..	..	..	..			
Vale of Leven, ..	426	256	60.0	393	213	54.2	312	162	47.6	14	3	21.4	14	3	21.4	1175	634	53.9	..	..	..	..	..			
Helensburgh, ..	185	65	35.1	140	45	32.1	162	37	22.2	16	2	12.5	16	2	12.5	503	149	29.6	..	..	..	..	..			
<b>Total, ..</b>	<b>2901</b>	<b>1659</b>	<b>57.1*</b>	<b>2465</b>	<b>1025</b>	<b>41.3*</b>	<b>2521</b>	<b>834</b>	<b>33.0*</b>	<b>182</b>	<b>28</b>	<b>15.3*</b>	<b>182</b>	<b>28</b>	<b>15.3*</b>	<b>8069</b>	<b>3546</b>	<b>43.9*</b>	..	..	..	..	..	..		
	*Increase compared with last year = 7.3%			*Decrease compared with last year = 1.7%			*Decrease compared with last year = 0.5%			*Decrease compared with last year = 5.5%			*Decrease compared with last year = 1.8%			*Increase compared with last year = 1.8%										



SPECIAL APPLIANCES SUPPLIED TO PUPILS.—During the session the supply of the following special appliances was agreed to by the Authority :—

	PUPILS						
Special Boot, ... ..	...	...	...	...	...	...	1
Overshoe, ... ..	...	...	...	...	...	...	1
Splints, ... ..	...	...	...	...	...	...	2
Spinal Jacket ... ..	...	...	...	...	...	...	1

## 9.—Arrangements for Physical Education and Personal Hygiene.

A. Physical Exercises. B. Baths. C. Practical Instruction in Hygiene.

There has been no change with regard to A and C. (See Annual Reports, 1914-15, p. 72 ; 1919-20, p. 41 ; 1920-21, p. 38).

With regard to B, the arrangement with the Kirkintilloch Town Council, whereby the school children had the use of the Public Baths, was terminated by the Education Authority in May, 1927, so that no baths were given last session.

## 10.—Feeding of School Children.

CUMBERNAULD AREA.—There were no meals supplied during the session.

KIRKINTILLOCH AREA—(a) As there was only one pupil on the free dinner list, arrangements were made to provide him with dinner in school. (b) The meals consisted of soup, cocoa and bread. (c) The number of meals supplied was 101, at a cost of 3½d. each.

In New Kilpatrick, Old Kilpatrick, Dumbarton, and the Vale of Leven areas there were no meals supplied.

In Helensburgh the arrangements were as in previous years. Last session there were 3,510 hot dinners supplied, being a daily average of 35 for 20 weeks. The meals consisted of roll or bread and soup, or mince and potatoes. The total cost was £48 3s. 11d., of which the children contributed £14 9s. 5d., and the balance was met from a voluntary fund.

## X-Ray Treatment of Ringworm.

During the session 11 children were treated for Ringworm of the Scalp by X-Rays at Whitecrook Clinic. The other 29 cases of this disease seen during the session were either successfully treated by local medication, or were cases whose parents refused permission for X-Ray treatment.

### Employment of Children.

The number of Licences applied for and granted under the Employment of Children Act, 1903, was as follows:—

	Granted.	Refused.	Total.
Cumbernauld, ... ..	1	...	1
Kirkintilloch, ... ..	20	8	28
New Kilpatrick, ... ..	43	...	43
Old Kilpatrick, ... ..	151	2	153
Dumbarton, ... ..	40	...	40
Vale of Leven, ... ..	27	1	28
Helensburgh, ... ..	48	1	49
	—	—	—
Total, ... ..	330	12	342

### II.—ARRANGEMENTS FOR MEDICAL TREATMENT.

Alterations in the methods of dealing with children suffering from defects have from time to time been made, and it perhaps would be well at this time to set forth the exact arrangements at present in vogue in the County.

The Clinics for the treatment of defects may be divided into four headings, viz., Ear, Nose, and Throat Clinics: Eye Clinics; Dental Clinics: and Skin Clinics.

**EAR, NOSE AND THROAT CLINICS.**—These Clinics are conducted in specially equipped premises. In Clydebank the premises were specially built for the purpose, and a plan of the buildings will be found in the Annual Report for the Session, 1921-22. In Dumbarton the Operating Room and Ward are situated in the Old Academy in Church Street. They are at the present time in every way suitable for the work done. In Kirkintilloch the premises are situated in buildings belonging to the Town Council. These premises are not satisfactory, being small and badly lit, and the question of arranging for other accommodation has been before the Committee for a considerable period.

**EYE CLINICS.**—In Clydebank the Eye work is done in a specially constructed room in the Clinic Buildings already referred to. In Dumbarton there is very adequate and satisfactory accommodation in the Old Academy buildings: the room is used only for eye work. In Kirkintilloch, owing to lack of accommodation, the work was carried out during the year in one of the schools. In Helensburgh there is a specially fitted room in the Hermitage Schol. In order to cope with the work in the part of the District lying East of Kirkintilloch, a specially fitted clinic is being fitted in Twechar School.

**DENTAL CLINICS.**—In Clydebank and Dumbarton there is special accommodation set apart in the Clinic premises for dental work. In Helensburgh, Alexandria, Milngavie, Duntocher, Kirkintilloch, Twechar and Croy the accommodation



is in a school, but the premises are not specially kept for dental purposes. In Duntocher the clinic is situated in a special treatment room in the new Roman Catholic School. In Milngavie a spare classroom is used in the Public School: in Helensburgh accommodation is found in the Hermitage School in a specially fitted room, while in Alexandria, during this year, accommodation was used in Main Street School, but this accommodation was not satisfactory, and arrangements are being made for the transference of the Alexandria Clinic to the new Public Health Local Authority Clinic in Bank Street, which is to be opened in the Autumn. In Kirkintilloch, Twechar and Croy, the Dental Clinics are held in rooms used for other treatment purposes in schools.

**SKIN CLINICS.**—These clinics were instituted to deal with children suffering from minor ailments who would not in the ordinary course of events be taken to their own doctor. They are for the treatment of cuts and bruises, skin eruptions needing treatment, etc., and for providing advice regarding other ailments. Children requiring treatment for such other ailments are referred by the Medical Officers to their own practitioners. In Clydebank and Dumbarton a room is set apart in the Treatment Clinic buildings, and in Kirkintilloch the work is also done in the Treatment Clinic. In Helensburgh there is an arrangement with the Town Council for the use of their Child Welfare Clinic. In Alexandria, Milngavie, and Duntocher the work is carried out in specially fitted rooms, while in the other schools where Clinics are held, viz., Bearsden, Cumbernauld, and Croy, the work is carried out in the school premises. It is hoped that the Skin Clinic in Alexandria will be transferred to the Local Authority's clinic premises in the Autumn. In Twechar a specially fitted room was used during part of the past session. For convenience the treatment of external eye diseases and ear diseases is also carried on at these clinics. There is also an X-Ray Clinic for Ringworm, etc., in Clydebank, where patients from all parts of the County are treated.

As will be seen from the list of staff, the members consist of whole-time and part-time officials, with a Supervising Medical Officer who is also the County Medical Officer. The whole-time officials consist of two Medical Officers, three Dentists, seven Nurses, and three Dental Attendants. The part-time officials consist of the Ophthalmic Surgeon; the Operating Surgeon for the Ear, Nose and Throat Clinics; the Dermatologist; and two Clerks whose appointments are made conjointly with the Public Health Department of the County Council. For anaesthetic work in the various clinics, there are rotas of the local medical practitioners in each centre,

and these serve as anaesthetists in rotation for twelve months at a time.

All the Clinics referred to above are available, by arrangement, for Child Welfare patients in the various Districts or Burghs in the County, and, as will be seen from the Tables relating to treatment, a certain number of children under five years of age are treated each year.

### Treatment of Minor Ailments.

District	Nurse.	Number of Children dealt with.	Total Number of Attendances.	Number of Visits to Parents.	Number of Visits to Clinics or Schools.	Eye Cases.	Throat and Nose Cases.	Ear Cases.	Skin Cases.	Others.
Kirkintilloch, Cumbernauld, (Cumbernauld, S. Muirhead Arms, Southern District, Condorrat)	C. Jeffrey,	935	4268	78	117	132	6	75	661	55
New Kilpatrick, Old Kilpatrick (Landward), Cumbernauld (Drumglass and Croy)	E. Yule,	859	4758	149	168	260	20	115	450	14
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer)	S. Dougherty,	840	2108	58	60	78	96	158	409	99
Old Kilpatrick, (Radnor Park, Boquhanran, Dalmuir, St. Stephen's)	E. Lyle,	567	1410	159	52	54	12	143	261	97
Dumbarton, (Academy, Knoxland, College Street, High Street, St. Patrick's)	M. Gilmour,	431	1383	37	83	27	...	74	240	90
Vale of Leven,	C. Clarke,	654	2030	55	73	44	...	80	224	306
Dumbarton, (West Bridgend, St. Patrick's High, Clerkhill), Helensburgh, Vale of Leven Clinic.	E. Stevenson,	667	1156	74	123	51	1	163	250	202
Total,		4953	17113	610	676	646	135	811	2495	866



# Dental Treatment.

SCHOOL MANAGEMENT AREA.	Number of Children Treated.					Conservation Treatment.				Extractions.					
	Routine Cases.			Number of Emergency cases treated.	Total Number of Cases Treated.	Teeth Filled.		Teeth Conserved by other Treatment.		Teeth Extracted.		Anesthetics.			
	Number of Cases In-Treatment.	Number of Cases requiring Treatment.	Actual Number of Cases Treated.			Temporary.	Permanent.	Temporary.	Permanent.	Total Number of Teeth Conserved.	Temporary.	Permanent.	Total No. of Extractions.	Local.	General.
				Number of Cases specified.	503										
Cumbernauld .. (Mr. Martin),	820	567	196	11	207	..	25	6	95	126	169	50	219	198	..
Kirkintilloch .. (Mr. Martin),	650	650	420	230	650	41	221	4	25	291	1050	212	1262	1201	11
Kirkintilloch .. (Mr. Wydner),	422	236	158	259	417	12	169	34	325	540	439	146	585	455	..
New Kilpatrick .. (Mr. Martin),	717	530	300	174	474	3	148	52	498	701	380	141	521	434	..
Old Kilpatrick .. (Mr. Martin),	6377	3788	1658	517	2175	..	878	..	247	1125	6083	1067	7130	4750	269
Old Kilpatrick .. (Miss M'Kendrick),	1090	1021	858	674	1532	10	741	5	380	1145	1723	456	2170	1000	127
Dumbarton .. (Miss Pugh),	305	258	151	987	1138	9	379	..	180	568	4068	412	1480	693	70
Vale of Leven .. (Miss Pugh),	129	68	26	1	27	1	8	..	2	11	32	1	36	30	..
Vale of Leven .. (Mr. Martin),	1224	873	392	478	870	44	511	36	708	4299	811	353	1161	860	..
Holensburgh .. (Mr. Martin),	13448	9094	4423	3337	7760	121	3145	138	2522	5926	12140	2926	15066	10032	477
<b>Total,</b>															

In Kirkintilloch Burgh, inspections are carried out by the Medical Officer, who refers children requiring treatment to Mr. M. Wydner, L.D.S. Mr. Wydner is a part time dentist, and during the session he worked for 189 hours. Miss Pugh treated six regulation cases by mechanical appliances. The total of 7760 cases treated includes 105 Child Welfare patients dealt with by arrangements with various Local Authorities in the County.

# Ophthalmic Treatment of School Children.

	SCHOOL MANAGEMENT AREA.																					
	Dumbarton.			Helensburgh.			Kirkintilloch and Cumbernauld.			New Kilpatrick.		Old Kilpatrick.		Vale of Leven.								
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.							
	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.						
H.	31	28	33	29	5	7	11	10	22	20	25	23	3	4	6	5	51	51	18	18	27	31
H.A.	23	24	30	33	9	8	9	10	19	22	30	33	6	5	4	5	51	52	19	19	20	18
M.	9	12	5	3	3	2	6	6	4	5	8	10	1	1	.	.	18	16	3	3	7	6
M.A.	8	5	10	12	2	2	3	3	2	2	0	0	1	1	2	2	10	8	1	1	1	9
MIX. A.	4	3	3	3	2	2	1	1	1	1	5	4	.	.	.	1	5	8	1	1	.	.
Total, . . . .	75	72	81	80	21	21	30	30	48	50	77	79	11	11	12	13	135	135	42	42	63	64
Defective Vision too slight to benefit from Spectacles, . .	10	12	12	13	0	9	3	3	6	4	8	6	1	1	2	1	11	12	4	4	5	4
Defective Vision otherwise treated, . . . . .	12	13	8	8	1	1	.	.	4	4	11	11	.	.	2	2	22	21	4	4	5	5
Total Number of Children Examined, . . . . .	97	101	101	101	31	31	33	33	58	58	96	96	12	12	16	16	168	168	50	50	73	73
Re-Examinations, . . . . .	91	91	65	65	13	13	16	16	56	56	49	49	10	10	12	12	128	128	37	37	51	51

Total Number of Children Examined—937.  
Total Number of Spectacles supplied—670.



## Report by School Nurses.

District.	Nurse.	Number of Children examined.	Total number of Inspections.	Number of Visits to Parents or Schools.	Vermin or Nits on head.	Vermin or Nits on body.	Vermin Suspected.	Unsatisfactory Clothing.	Unsatisfactory Footgear.	Others.
Kirkintilloch, (Cumbernauld, S. Muirhead Arns, Southern District, Condorrat)	C. Jeffrey,	429	1665	92	220	26	159	13	1	...
New Kilpatrick, Old Kilpatrick, (Landward), Cumbernauld (Drumglass and Croy)	E. Yule,	349	3078	141	299	31	34	21	34	6
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer)	S. Dougherty,	585	3010	95	183	30	308	22	8	151
Old Kilpatrick, (Radnor Park, Boquharan, Dalmuir, St. Stephen's)	E. Lyle,	256	1935	92	118	13	68	5	3	53
Dumbarton, (Academy, Knox-land, College Street, High Street, St. Patrick's)	M. Gilmour,	399	1272	76	305	71	15	12	12	21
Vale of Leven,	C. Clarke,	549	1743	138	318	117	121	123	51	5
Dumbarton, (West Bridgend, St. Patrick's High, Clerkhill), Helensburgh,	E. Stevenson,	451	1950	123	312	58	83	1	10	91
Total,		3018	14653	757	1755	346	788	197	119	327

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